

arming the pressure pad when said pressure more than a predetermined pressure is on the pressure pad whereby the pressure pad serves as a sensor;

Q1
COND. activating an alarm when the pressure more than a predetermined pressure has been on the pressure pad for a predetermined time and is removed from the armed pressure pad after said predetermined time; and

disposing of the pressure pad when the patient no longer has use of the pressure pad without permitting use by another patient.

Sub. B1
A2 17. (amended) A pressure pad comprising:

a gel cushion;

an alarm system having a pressure switch and an alarm;

said pressure switch being in communication with said gel cushion, whereby pressure on the gel cushion results in pressure on the pressure switch;

said alarm being connected to said pressure switch to be controlled thereby;

the alarm system being armed upon pressure being placed on the pressure pad and activated upon a release of the pressure if said pressure is removed longer than a predetermined time after the alarm is activated.

Sub. B1
A3 20. (amended) A pressure pad according to claim 17 in which the pressure switch includes two conductors spaced by a flexible material that permits contact between the conductors under a predetermined amount of pressure; said pressure switch being located under said gel cushion wherein said pressure switch receives pressure from a patients weight above said gel cushion transmitted through said gel cushion.

Please add new claims 21-31 as follows:

sub. B1
21. (New) A method according to claim 2 wherein the step of placing a second sensor in juxtaposition with the first sensor includes the substep of placing a mechanical switch in a position to be activated when the patient attempts to leave a location.

22. (New) A method according to claim 2 wherein the step of placing a second sensor in juxtaposition with the first sensor includes the substep of placing a photoelectric sensor in a position to be activated with the patient attempts to leave a location.

23. (New) A method according to claim 2 in wherein the step of placing a second sensor in juxtaposition with the first sensor includes the substep of detecting the direction of motion of the patient.

act. Cont.
24. (New) A method according to claim 3 wherein the step of activating the alarm when the pressure above the predetermined pressure is removed from the armed pressure pad after said predetermined time comprises the substeps of generating a signal upon arming of said pressure pad, transmitting said signal through a first path to a microprocessor wherein a flag is set in said microprocessor; transmitting said signal in a second path, delaying said signal in said second path in a delay line external to said microprocessor; applying said delayed signal from said second path to said microprocessor wherein said flag is removed; transmitting an alarm if said pressure above the predetermined pressure is removed from said pressure pad while said flag is present.

25. (New) A method according to claim 3 wherein the step of activating the alarm when the pressure above the predetermined pressure is removed from the armed pressure pad after said predetermined time comprises the substeps of causing a program in a microprocessor to set a flag upon arming of said pressure pad, causing said program to determine when a predetermined time has elapsed from the setting of said flag and transmitting an alarm if said pressure more than said predetermined pressure is removed after said predetermined time.

26. (New) An apparatus in accordance with claim 11 further including a second sensor wherein said second sensor is a mechanical switch located in a position to be activated when the patient attempts to leave a location.

27. (New) An apparatus in accordance with claim 11 further including a second sensor wherein the second sensor is a photoelectric sensor located in a position to be activated with the patient attempts to leave a location.

28. (New) An apparatus in accordance with claim 11 further including a second sensor wherein the means in the control housing responsive to said signal includes means responsive to a first sensor and the second sensor for detecting the direction of motion of the patient.

29. (New) An apparatus in accordance with claim 11 further including an alarm means at least partly within the casing, wherein an alarm is activated when a pressure

above a predetermined pressure is removed from an armed pressure pad after said predetermined time comprises means for generating a signal upon arming of said pressure pad, a microprocessor, means for transmitting said signal through a first path to said microprocessor wherein a flag is set in said microprocessor; means for transmitting said signal in a second path, means for delaying said signal in said second path in a delay line external to said microprocessor; and means for applying said delayed signal from said second path to said microprocessor wherein said flag is removed; transmitting an alarm if said pressure above the predetermined pressure is removed from said pressure pad while said flag is present.

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30. (New) An apparatus according to claim 11 further including an alarm means at least partly within said casing, means for activating the alarm when a pressure more than a predetermined pressure is removed from an armed pressure pad after said predetermined time; means for causing a program in a microprocessor to set a flag upon arming of said pressure pad, means for causing said program to determine when a predetermined time has elapsed from the setting of said flag and means for transmitting an alarm if said pressure more than said predetermined pressure is removed after said predetermined time.

31. (New) A pressure pad according to claim 17 further including at least one tubular member communicating with the gel within the gel cushion and with said pressure switch wherein force on the gel cushion results in force transmitted through the tubular member to the pressure switch.